

B2 4~~6~~. (Amended) The method of claim 1 wherein the maximum allowed vehicle deceleration varies in a range between about 0.2 g and about 0.3 g.

B3 7~~8~~. (Amended) In an adaptive speed control system for a vehicle, a system for controlling vehicle deceleration, the system comprising:
a receiver for receiving an input signal indicative of a speed of the vehicle; and
a controller for setting a maximum allowed vehicle deceleration based on the vehicle speed, wherein the maximum allowed vehicle deceleration is continuously variable.

B4 8~~11~~. (Twice Amended) The system of claim ~~8~~⁷ wherein, to set the maximum allowed vehicle deceleration, the controller is operative to decrease the maximum allowed vehicle deceleration as the vehicle speed increases.

9~~12~~. (Twice Amended) The system of claim ~~9~~⁷ wherein, to set the maximum allowed vehicle deceleration, the controller is operative to increase the maximum allowed vehicle deceleration as the vehicle speed decreases.

B5 10~~14~~. (Amended) The system of claim ~~10~~⁷ wherein the maximum allowed vehicle deceleration varies in a range between about 0.2 g and about 0.3 g.